



Programmable

MUSICAL DOORBELL

▶ Instruction Manual



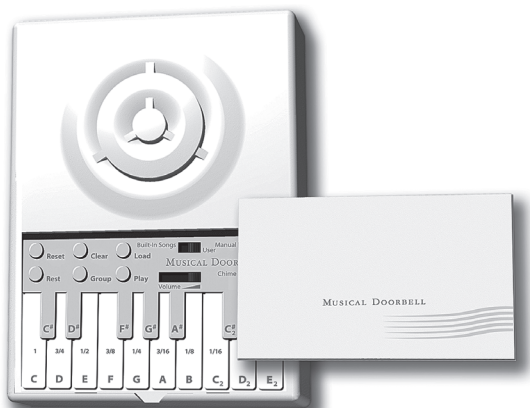
INTRODUCTION

The electronic Musical Doorbell is a completely solid state device which is programmed and controlled by a microprocessor based integrated circuit. It plays musical tunes, sound effects and voice phrases. Unlike other existing electronic door chimes, which have only a few built-in tunes, this unit has well over 100 built-in tunes and sounds. In addition, the programmable feature allows you to load any song you want, using the built in keyboard.

Two convenient methods of loading your own song are provided: 1) In manual mode, songs can be entered by note value and duration, from the songbook or from sheet music. The user has a choice of seventeen notes values and eight note durations for each note. A rest also available for pauses between notes. Up to 50 notes can be loaded this way. 2) In auto mode, the user can play any tune on the built in keyboard and the musical doorbell will record the keystrokes for later playback. Up to 25 notes can be loaded using this method.

Package Contents

- 1** Door chime
- 1** Diode
- 2** Mounting screws
- 1** Instruction manual



Note: The diode part no. is IN4001. It is available at any electronic store, or contact us if a replacement is needed. The Radio Shack part no. is 276-1101

FEATURES

- ▶ Simple installation, easily replaces existing wired doorbell
- ▶ Supports back door pushbutton with distinctive 8 note “Beethoven’s Fifth”
- ▶ Group sound selections for special occasions or seasonal tunes
- ▶ Tunes can be set for auto sequence or individual play
- ▶ Choice of Chime or Bell sound for all tunes
- ▶ Plays ANY song! Membrane keyboard for loading a maximum of 50 notes
- ▶ Supports auxiliary speaker connection
- ▶ Battery back up (optional) for memory.
- ▶ Battery (DC) operation option for installations without bell transformer

Terminal Connections

The Musical Doorbell is provided with five terminal connections as follows:

- F** Front Door Terminal
- T** Transformer Terminal
- B** Back Door Terminal
- SP** Auxiliary Speaker Terminal
- G** Auxiliary Speaker Terminal

REPLACEMENT OF EXISTING WIRED DOORBELL

Notes: Always turn power off before connecting any electrical equipment. Be sure that the AC/DC switch on the back of the Musical Doorbell is in the AC position. **For non-lighted pushbutton switches remove jumpers at the back of the unit.**

Step 1

Inside the house, disconnect wires from doorbell unit (2 wires for front door only, 3 wires for both front and back doors). Tag wires "F", "T", and "B" for later identification.

Step 2

Outside the house, remove front door pushbutton and connect both ends of the diode to the screws on the back of the button. Replace pushbutton.

Step 3

Remove cabinet back by sliding down from front part of the unit. Mark on the wall where the 2 mounting screws should be placed. Make sure wires from the wall enter the hole located in the upper center of the cabinet back for easy connection to the terminals. Secure cabinet back against the wall by using the screws provided.

Step 4

Connect wires from wall to the corresponding terminals in the cabinet back marked "F", "T", and "B", connect the female plug from the chime to the male plug on the cabinet back.

Once the cabinet back is in place, mount front cabinet to the cabinet back by aligning the 2 bushings to the holes in the cabinet back and then sliding it down until secured.

To test: press **Reset**, then **Play**. (See Testing Procedure.)

Optional 9V Battery: Once working properly, you may also install a 9V battery into the unit. This will allow you to take the unit off the wall for loading a user song. It will also provide battery backup for any user loaded song.

NEW INSTALLATION WITH AC TRANSFORMER

Notes: Always turn power off before connecting any electrical equipment. Be sure that the AC/DC switch on the back of the Musical Doorbell is in the AC position. **For non-lighted pushbutton switches remove jumpers at the back of the unit.**

To install your new Musical Doorbell you will need the following materials:

- **Bell Transformer** (Standard 12-16 volt AC) and **Bell wire**
- **Pushbutton for Front Door** (Back Door, optional)

Step 1

Mount transformer onto nearest electrical outlet box

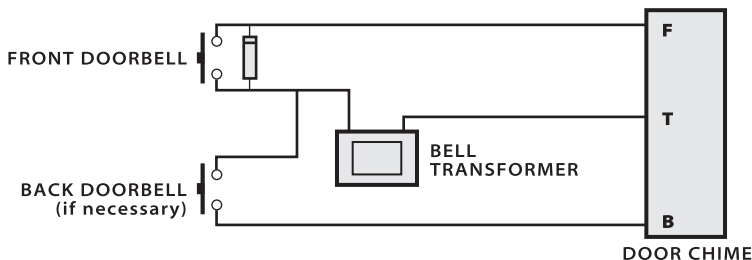
Step 2

Install push button in front and back door. Attach the Diode to the two terminal screws on the front door pushbutton

Step 3

Install wiring as described in wiring diagram

Now you are ready to install the Musical Doorbell. Follow Steps 3 and 4 listed for replacement installation.



To test: press **Reset**, then **Play**. (See Testing Procedure.)

Optional 9V Battery: Once working properly, you may also install a 9V battery into the unit. This will allow you to take the unit off the wall for loading a user song. It will also provide battery backup for any user loaded song.

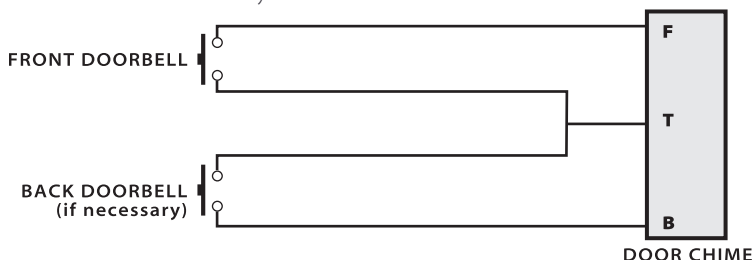
INSTALLATION WITHOUT AC TRANSFORMER (battery powered)

The Musical Doorbell can be installed without the use of a transformer and can operate from an internal 9V battery (not supplied). It must still be wired to the front and optional back door push buttons, but no other connection to house wiring is necessary.

Notes: Be sure that the AC/DC switch on the back of the Musical Doorbell is in the DC position. Remove the jumpers on the back of the unit. Only non-lighted pushbuttons are supported in this type of installation.

Install the Musical Doorbell on the wall as in Step 3 for replacement installation. Connect wires to front and back door pushbuttons as shown in the diagram below.

Be sure to install a 9V battery in the Musical Doorbell.



CONNECTION FOR AUXILIARY SPEAKER

Some users may want to add an auxiliary speaker (or two) in an upstairs, basement, or garage, in order to better hear the chime in a remote location. Simply connect two wires from the SP and G terminal on the main doorbell unit to the auxiliary speaker. The auxiliary speaker should be 8 ohms. Up to two auxiliary speakers may be connected in this manner.

TESTING PROCEDURE

Step 1

Slide the **Built-In Songs / User** switch to **Built-In Songs**

Step 2

Press **Reset**

Step 3

Press **Play**

Step 4

If no tune is heard, remove the Musical Doorbell from the cabinet back by simply sliding upward and then interchange the wires connected to "F"& "T". Repeat steps **(3)** and **(4)**. Proceed to the front door and press the button; the chime should play.

Step 5

If a backdoor button is connected, proceed to the back door, press the button, and "Beethoven's Fifth" should play. If no tune is heard reverse the diode connected to the front door pushbutton. Press **Reset** and repeat the above test again.

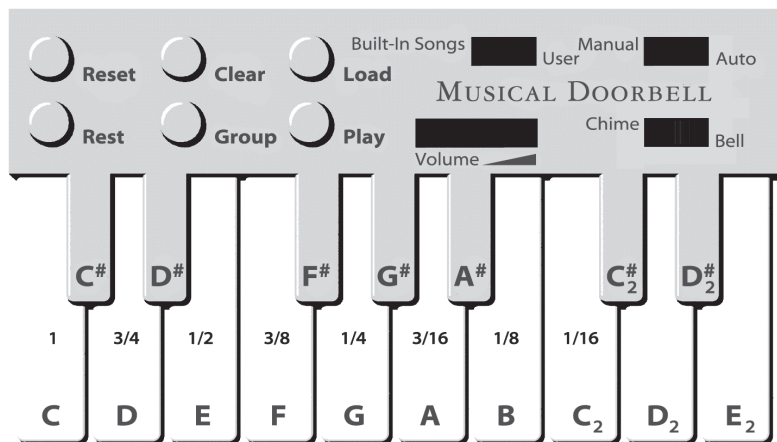
Trouble Shooting Guide

If any problem is encountered in the operation of your chime at the time of installation, then follow these three procedures in sequence until your chime is operating correctly.

- 1** Reverse the diode at the front door pushbutton. If this does not correct the problem, leave the diode in this new position and proceed to step two **(2)**.
- 2** Interchange the F&T, wires on the cabinet back. If this does not correct the problem, leave the wires in this position and proceed to step three **(3)**.
- 3** Now reverse the diode at the front door pushbutton back to its original position.

One of the three steps above should correct your problem. Be sure to test after each step.

MUSICAL DOOR OPERATION



Description of switches and keys

- ▶ **Built-In Songs / User**
Allows you to play one of over 100 built-in songs or sounds, or lets you create and use a song of your own. Move this switch to **Built-In Songs** in order to use any of the built-in songs and sounds. Move this switch to **User** to use or load a song of your own.
- ▶ **Volume**
Selects one of four volume levels. This setting will also apply to any auxiliary speakers that are connected to the main unit.
- ▶ **Chime / Bell**
Selects the sound of all songs played by the Musical Doorbell. Does not affect the playback of any voice or sound effects.

► **Manual / Auto**

Allows you to sequence through a selected group each time the front doorbell button is pressed and it also used when loading your own song.

- For **Built-In Songs**: Manual/Auto selects the operation of the Front Door button.

Manual – the one selected song will always play when the Front Door button is pushed.

Auto – a different song or sound within the selected Group will play each time the Front Door button is pressed.

- For **User**: Manual/Auto selects the way you load your own song into the unit.

Manual – allows you to load songs note by note, with note value and duration for each note.

Auto – allows you to simply play your song on the keyboard and the Musical Doorbell will record your keystrokes to play back later.

► **Play**

The Play button is used to hear what will be played when someone presses the Front Door button.

► **Reset**

The Reset button stops any current operation and exits loading mode if applicable. It does not clear any stored user song.

► **Group**

For **Built-In Songs**, the Group button selects one of 12 different groups of songs, phrases, or sound effects. Use the white piano keys to select which of the 10 songs within the group that you want to hear.

For **User**, the Group button is only used while loading your own song, if set to Manual mode. It is only for very advanced users wishing to load a two channel song.

► **Clear**

For **Built-In Songs**, the Clear button selects Group 1 – Chimes

For **User**, the Clear button is only used while loading a song, and is used to clear the last note that was entered.

► **Load**

The Load button is only used in **User** mode and is used to start or stop the loading of your own song.

► **Rest**

The Rest button is only used in **User** mode while loading your own song, if set to Manual mode. It is used to enter a rest. A duration of the rest must also be entered

► **Piano Keys**

For **Built-In Songs**, the white piano keys are used to select one of the 10 songs within a group. The others are not used.

For **User**, the Piano keys have various uses. When not loading a song, they can be played like a piano. When loading a song in Auto mode they can be played like a piano, and the keystrokes are recorded for later playback. Up to 25 notes can be loaded this way. When loading a song in Manual mode, a note value can be loaded by pressing any one of the 17 piano keys (or rest). Each note must be then followed by a duration, which is one of the first 8 white piano keys.

Note: If you press any button at an inappropriate time, you will hear “invalid”. This means the key that was pressed has no function during the current mode of operation.

QUICK INSTRUCTIONS

To select a built-in song or sound to play when the front door button is pressed:

- Switch the **Built-In Songs/User** switch to Built-In Songs
- Refer to this manual for a list of the built-in songs and sounds
- Press **Group** until you hear the number of the group you want
- Press one of the white piano keys to hear and select one of the ten songs or sounds within that group
- Set the **Chime/Bell** switch to the desired sound (not applicable for phrases and sound effects)
- Switch the **Manual/Auto** switch to **Manual** if you want that one selection to play every time the front door button is pressed, or switch to **Auto** if you want it to rotate through all ten selections within the selected Group.

To select the User loaded song:

- Switch the **Built-In Songs/User** switch **User**.
- Set the **Chime/Bell** switch to the desired sound.
- Press **Play** to preview what the user will hear when pressing the front door button.

Note: if no song has been loaded, or if memory was lost for some reason, it will revert to playing the “Westminster Chimes”

To load a new song of your own, there are two methods: Manual and Auto.

- Manual loading is accomplished by loading each note of the song, entering both a note value and a duration. Up to 50 notes may be loaded using this method. For very advanced users, two channels of audio can be loaded, but in this case you are limited to 25 notes per channel.
- Auto loading is accomplished by simply playing the song on the keyboard. Your keystrokes will be recorded for later playback. Using this method, you are limited to 25 notes.

LOADING A SONG IN USER MODE

► Loading a new song using the Manual method:

- Slide the **Built-In Songs/User** switch to **User**.
- Slide the **Manual/Auto** switch to **Manual**.
- Press **Load**. Hear a short beep
- Load a note by pressing any of the 17 piano keys, or rest. Then press any of the 8 duration keys, from 1 to 1/16. This completes one note.
- Repeat the previous step until all notes are entered.
- You can use the **Play** key to hear the song so far, and the **Clear** key to erase the last entered note.
- When you are done entering notes, press the **Load** key and you will hear a long beep. Your song is now loaded. See the songbook for examples of notes for various songs.

Note: For advanced users who wish to load a 2 channel song, press the group key any time after pressing load, to switch between channel 1 and 2.

► Loading a new song using the Auto method:

- Slide the **Built-In Songs/User** switch to **User**.
- Slide the **Manual/Auto** switch to **Auto**.
- You can practice by playing the piano keys.
- When you are ready, press **Load** and hear a short beep.
- Now simply play the song on the keyboard, up to 25 notes.
- You can use the **Play** key to play the song so far, and the **Clear** key to erase the last note.
- When you are done, press the **Load** key and hear a long beep. Your song is now loaded.

Note: If you press any button at an inappropriate time, you will hear “invalid”. This means the key that was pressed has no function during the current mode of operation.

LIST OF BUILT-IN SONGS AND SOUNDS

Group 1 CHIMES

- C Westminster Chimes
- D St Michael's Chimes (8 note)
- E Whittier Chimes (15 note)
- F Short Chimes (5 note)
- G Tremolo Chimes (8 note)
- A Arpeggio Chimes (9 note)
- B Long Chimes (10 note)
- C2 Ding Dong (A)
- D2 Fire Bell (Ding Ding Ding Ding)
- E2 Ding A Ling (3 note)

Group 3 OLD FAVORITES #2

- C In The Good Old Summertime
- D La Cucaracha
- E La Marseillaise
- F Meet Me In St. Louis
- G My Old Kentucky Home
- A When Irish Eyes are Smiling
- B O Sole Mio
- C2 Shave and a Haircut
- D2 Oh, Susanna
- E2 Toreador Song

Group 5 PATRIOTIC

- C America the Beautiful
- D Army Goes Marching On
(The Caissons Go Rolling Along)
- E You're a Grand Old Flag
- F The Marine Hymn
- G Battle Hymn Of The Republic
- A Star Spangled Banner
- B You're In The Army Now
- C2 When Johnny Comes
Marching Home
- D2 Yankee Doodle
- E2 Anchors Aweigh

Group 2 OLD FAVORITES #1

- C A Hunting We Will Go
- D Blue Danube
- E Call To The Post
- F Dixie
- G Alouette
- A Give My Regards To Broadway
- B Hail, Hail, The Gang's All Here
- C2 Hava Nagila
- D2 Home On The Range
- E2 I've Been Working On The Railroad

Group 4 OLD FAVORITES #3

- C Can Can
- D Pomp & Circumstance (Graduation)
- E Reveille
- F Sailing, Sailing
- G Sports "Charge"
- A Taps
- B There Is A Tavern In The Town
- C2 For He's a Jolly Good Fellow
- D2 Wedding March
- E2 Yellow Rose Of Texas

Group 6 SPIRITUAL

- C Hallelujah
- D Swing Low Sweet Chariot
- E Amazing Grace
- F When the Saints Go Marching In
- G He's Got the Whole World in
His Hands
- A What a Friend We Have in Jesus
- B Rock of Ages
- C2 Shall We Gather at the River
- D2 Michael Row the Boat Ashore
- E2 Jesus Loves me

Group 7 HOLIDAY

- C Christmas Tree
- D Silent Night
- E Jingle Bells
- F Deck The Halls
- G Auld Lang Syne
- E2 It Came Upon a Midnight Clear
- A Joy To The World
- B Hark The Herald Angels Sing
- C2 O Come All Ye Faithful
(Adeste Fideles)
- D2 We Wish You a Merry Christmas

Group 9 CHILDREN'S

- C Frere Jacques
- D London Bridge
- E Old MacDonald Had A Farm
- F Brahm's Lullaby
- G Farmer In The Dell
- A Rock-A-Bye baby
- B Mary Had A Little Lamb
- C2 Twinkle Twinkle Little Star
(ABC Song)
- D2 Pop Goes the Weasel
- E2 Row Row Row Your Boat

Group 11 ANIMAL SOUNDS

- C Large dog bark and growl
- D Cat Meow
- E Elephant Roar
- F Cow Moo
- G Duck Quack
- A Donkey Hee Haw
- B Chimpanzee Chuckle
- C2 Horse Whinny
- D2 Frog Ribbet
- E2 Small dog bark

Group 8 CLASSICAL

- C Greensleeves
- D William Tell Overture
- E Mozart Sonata
- F Fur Elise
- G Mozart Eine Kleine Nachtmusik
- A Bach Air on a G string
- B Flight of the Bumblebee
- C2 Wagner: Ride of the Valkyries
- D2 Beethoven's 9th theme
(Ode to Joy)
- E2 1812 Overture

Group 10 HALLOWEEN

- C Scary music 1
- D Sinister music 2
- E Long high scream
- F Witch cackle
- G Long low scream
- A Wolf howl
- B Witch "Come in"
- C2 Music 1 or 2 / Scream 1 or 2
- D2 Music 1 or 2 / Wolf howl or
Witch Cackle
- E2 Music 1 or 2 / Witch "come in"

Group 12 PHRASES + SOUNDS

- C "Hey there's someone at the door!" (male)
- D "There's someone at the door!"
- E "I'll be right there!" (male)
- F "I'll be right there!" (female)
- G "It's party time!"
- A "Happy Anniversary!"
- B "Happy Birthday!"
- C2 Laugh
- D2 Kids: "Merry Christmas"
- E2 "Ho Ho Ho"

Note: Backdoor plays "Beethoven's 5th". The backdoor tune is always the same and not changeable.

SONGBOOK

Here are samples of the notes for many popular tunes. To use them, set the **Built-In Songs/User** switch to **User**, and the **Manual/Auto** switch to **Manual**, then press **Load** to begin.

- 1 **After The Ball**
BG, D2F, BB, GE, EG, GD, DD, BG, D2F, BG, GE, EG, F#D (Load)
- 2 **Aloha Oe**
EB, F#G, AG, D2F, F#B, EG, AG, C2#F, AB, G#A, GC2, G#B, AB, BB, BB, D2B, D2B, C2E, AF (Load)
- 3 **Ave Maria**
A#E, AB A#B, D2E, C2G, A#E, C2E, D2C2, C2C2, A#B, AB, GB, AB, AE (Load)
- 4 **Away In A Manger**
C2G, C2F, A#B, AG, AF, GB, FG, FG, EG, DG, CE, CG, CF, DB, CG, CG, GG, EG, DG, CG, FG, AE (Load)
- 5 **Bill Bailey Won't You Please Come Home**
CG, DE, FG, AF, G#B, AG, C2G, CG, DE, FG, AC (Load)
- 6 **Bicycle Built For Two**
C2D, AD, FD, CD, DG, EG, FG, DE, FG, CC, GS, C2D, AD, FD, DG, EG, FG, EG, AG, GD (Load)
- 7 **Blow The Man Down**
AG, AF, BB, AG, FG, DG, F#G, AG, BB, AG, F#E, F#B, GB, AD, BD, GF, F#B, GG, EE (Load)
- 8 **Can-Can**
CE, DB, FB, EB, DB, GG, GG, GB, AB, EB, FB, DG, DG, DB, FB, EB, DB, CB, C2B, BB, AB, GB, FB, EB (Load)
- 9 **Carry Me Back To Old Virginny**
BB, BG, C2B, BG, AB, GG, EG, DB, F, DG, GA, AC2, BB, BB, C2B, BB, BB, GB, F#B, GB, AE (Load)
- 10 **Cielito Lindo**
A#G, A#G, GE, AG, FG, A#G, A#G, GE, AG, FG, A#G, A#G, GE, AG, FG, D#G, CE (Load)

- 11 **Clair De La Lune (Folk Song)**
A#G, A#G, A#G, C2G, D2G, C2E, A#G, D2G, C2G, C2G, A#C (Load)
- 12 **Clementine**
FA, FC2, FG, CG, AA, AC2, AG, FG, FA, AC2, C2F, C2B, A#B, AB, GG (Load)
- 13 **Columbia The Gem Of The Ocean**
DA, DC2, GG, GA, GC2, AG, D2A, C2C2, BB, GE, DG, EG, E2B, D2B, C2B, BB, AB, GB, GE, F#G (Load)
- 14 **Down In The Valley**
DG, GG, AG, BD, GD, BG, AG, GG, AD, DG, F#G, AG, C2D, AD, F#G, GG, AG, GD (Load)
- 15 **Drink To Me Only With Thine Eyes**
F#B, F#B, F#B, GG, GB, AB, GB, F#B, EB, F#B, GB, AB, DB, GB, F#G, EB, DE (Load)
- 16 **Du, Du Liegst Mir Im Herzen**
GD, GD, GG, FG, GG, A#E, G#G, FD, FD, FG, A#G, G#G, GD (Load)
- 17 **Finlandia**
EG, DG, EG, FD, EG, DG, EG, CF, DB, DG, EC, EG, DG, EG, FD, EG, DG, EG, CF, DB, EC (Load)
- 18 **The First Noel**
F#B, EB, DG, EB, F#B, GB, AE, BB, C2#B, D2G, C2#G, BG, AE (Load)
- 19 **For He's A Jolly Good Fellow**
CB, AG, AB, AB, GB, AB, A#F, AG, AB, GG, GB, GB, FB, GB, AF, FG (Load)
- 20 **Get Along Little Dogies (Whoopee Ti-yi-ya)**
AC2, AC2, C#2G, AB, C#2G, AC2, AC2, D2G, D2C2, D2C2, BB, AB, AB, C#2G, AB, C#2G, AC2, AC2, D2B, D2B, BB (Load)
- 21 **Gypsy Love Song**
AG, G#G, EF, EB, F#B, GB, AB, F#B, EB, C#F (Load)
- 22 **Go Down Moses**
DG A#G A#G AG AG A#G A#G GE DG DG F#G F#G GE (Load)

- 23 **God Save The Queen**
GG, GG, AG, F#F, GB, AG, BG, BG, C2G, BF, AB, GG, AG, GG, F#G,
GD (Load)
- 24 **Good Night Ladies**
AE, FE, CG, FD, AE, FE, GG, GD, AE, FE, A#G, A#D, A#G, AG, AG,
GG, GG, FE (Load)
- 25 **Granada**
DB, FG, FF, FB, GG, GF, GB, AG, AF, AB, A#G, C2G, AG, GB, AC2,
GB, FG (Load)
- 26 **Hail To The Chief**
GF, AG, BB, C2G, BG, AB, GG, AB, GG, EB, DF, CE (Load)
- 27 **Hello My Baby**
C2B, D2G, C2B, D2G, C2G, AB, A#G, AB, A#G, AG, GB, AG, GB, AG,
GG, DE (Load)
- 28 **Home Sweet Home**
D#B, FB, GE, G#G, C2G, A#F, GG, A#G, G#F, GB, G#G, FG, GD (Load)
- 29 **I'll Take You Home Again Kathleen**
GG, AG, AB, A#B, GB, D2B, BB, C2D, AB, AG, GB, F#B, GB, AB, GB,
FD (Load)
- 30 **In The Gloaming**
C2F, D2B, C2G, AG, C2F, A#B, A#G, AG, GG, DG, FG, AG, C2F, A#B,
AE (Load)
- 31 **Irish Washer Woman**
C2B, A#B, AB, FB, FB, CB, FB, FB, AB, FB, AB, C2B, A#B, AB, A#B, GB,
GB, CB, GB, GB, A#B, GB, A#B (Load)
- 32 **Jeanie With The Light Brown Hair**
D2G, C2F, AB, AB, AB, GB, FB, AG, CB, DB, FE (Load)

- 33 Listen To The Mocking Bird**
AC2, AC2, AC2, AC2, AB, GB, GE, GC2, GC2, GC2, GC2, GB, FB, FE, FG, GB, GB, GB, GB, A#B, AB, GB, AE (Load)
- 34 Loch Lomond**
DB, EB, GG, GB, AB, BG, AB, GB, AG, AB, GB, EG, DG, EB, GG, GG, GG, BB, D2B, E2E, D2G (Load)
- 35 London Bridge**
GF AB GG FG EG FG GE DG EG FE EG FG GE (Load)
- 36 Love For Three Oranges March**
D#C2 D#C2 D#G FG D#G G#G BA BC2 G#D C2A C2C2 G#G BA BC2 G#G D#2A E2C2 GD (Load)
- 37 Love's Old Sweet Song**
CA, DC2, FG, DG, EG, C2E CA, DC2, EG, A#G, AD, AA, A#C2, AG, GG, FG, AE, GB, AB, GG, DG, GD (Load)
- 38 Mademoiselle From Armentie'res**
FB, FB, FB, FG, FB, FG, FB, FF, ED, FB, GD, CB, GB, GB, GB, GG, GB, GG, GB, FG, FD, GB, AE (Load)
- 39 Maple Leaf Rag**
G#C2, D#2C2, G#C2, C2C2, D#2B, GC2, D#C2, GC2, A#C2, D#2G, G#2C2, D#2C2, G#C2, C2C2, D#B, GC2, D#C2, GC2, A#C2, D#2G (Load)
- 40 Mary Had A Little Lamb**
EB DB CB DB EB EB EG DB DB DG EB GB GE (Load)
- 41 Men Of Harlech**
GF F#B EF F#B GG AG BG GG C2G BG AG GG F#G EG F#G DG (Load)
- 42 Merry Widow Waltz**
CE, FG, GE, AG, CE, FG, GE, AG, A#D, AD, GD (Load)
- 43 Mexican Hat Dance**
CB, FG, CB, FG, CB, FE, CB, FB, GB, FB, EG, FB, GE (Load)

- 44 **Mulberry Bush**
FB FB FB FG AB C2B C2B AB FG FB GB GB GB GG GB EB EB DB CG (Load)
- 45 **My Bonnie Lies Over The Ocean**
FG, D2G, C2G, A#G, C2G, A#G, GG, FG, DE, EG, D2G, C2G, A#G, A#G, AG, A#G, C2E (Load)
- 46 **My Gal Sal**
DB, DE, DG, EG, GF, AB, BC, DB, DB, DE, DG, EG, GF, AB, BC (Load)
- 47 **Nearer My God To Thee**
BE, AF, GB, GF, EB, EE, DE, GG, BG, AC, BE, AF, GB, GD, EB, EE, DG, GG, FG, AG, GC (Load)
- 48 **Nobody Knows The Trouble I've Seen**
BB, DG, EB, GF, AB, BB, BB, BG, BE, BB, DG, EB, GG, GG, EG, DE (Load)
- 49 **Oh! Bury Me Not In The Lone Prairie**
CG, FB, FB, AG, C2C, D2B, C2B, AG, FG, AC, CB, CB, DG, FG, GC, AB, GB, FG, DG, FC (Load)
- 50 **Oh! Dear, What Can The Matter Be?**
A#F, AF, A#B, GB, D#2B, A#B, GB, D#B, G#F, G#F, G#B, FB, GB, G#B, GB, FB (Load)
- 51 **Oh, Dem Golden Slippers**
CF, FB, AB, GB, FB, D#B, DG, GB, A#B, AB, GB, FB, EB, EB, EB, FB, GG, A#G, AA, A#C2, AB, GB, FE (Load)
- 52 **O Du Lieber, Augustine**
C2F, D2B, C2B, A#B, AG, FG, FG, GG, CG, CG, AG, FG, FG, C2G, D2B, C2B, A#B, AG, FG, FG, GG, CG, CG, FE (Load)
- 53 **Little Town Of Bethlehem**
BG, BG, BG, A#G, BG, D2G, C2G, EG, AG, GG, F#B, GB, AG, DG, BE (Load)
- 54 **Oh Promise Me**
DB, BB, BB, BB, BB, C2B, BB, GB, AB, BD, BB, D2B, AB, AB, BB, C2B, GB, GB, D#B, DE (Load)

- 55 **Old Gray Mare**
CB, FG, FG, FG, GG, AG, AA, GC2, AA, GC2, FG, GG, AG, FC2, GA, FC2, EG, AG, AA, GC2, AA, GC2, FG (Load)
- 56 **Old Oaken Bucket**
DG, BF, AB, GB, BF, AB, GG, AF, GB, AG, BG, GG, GG, GF, F#B, EG, DG, GG, BG, AF, GB, AG, GE (Load)
- 57 **Onward Christian Soldiers**
C2G, C2G, C2G, C2G, C2F, D2B, C2E, GG, GG, FG, GG, AC (Load)
- 58 **Polonaise, Op 40, Chopin**
AA, EC2, EA, EC2, F#CA, GC2, AC2, BC2, C#2A, AC2, AB (Load)
- 59 **The Red River Valley**
DB, GB, BG, BB, AB, GG, AB, GB, EB, GE, DB, GB, BG, GB, BB, D2G, C2B, BB, AE (Load)
- 60 **Romeo And Juliette**
FE, GC, BG, C2G, D2G, AG, GG, C2C, AG, BG, G#E, E2D, GG, AG, A#G, EG, FG, G#E, GE, GE (Load)
- 61 **Rule Britannia**
BF, BB, C2B, C2G, BB, C2A, BB, AB, GB, F#G, AB, D2G, C2G, BC2, GC2, C2C2, AC2, D2C2, C2C2, BG, AG, GE (Load)
- 62 **Santa Lucia**
GG GF C2B C2B BB BE FG FE AB AB GB GF EG AF GG F#B FF FF EG DG AG GG (Load)
- 63 **She'll Be Coming Round The Mountain**
D#B FB G#C2 G#A G#A G#C2 FB D#B CB D#B G#D G#B A#B C2C2 C2A C2A C2C2 D#2B C2B A#B #B #A#E (Load)
- 64 **Shortnin' Bread**
CB CB AB AB GB GB AG CG AG GG AG CB CB AB AB GB GB AG EG DG CG (Load)
- 65 **Sing A Song Of Sixpence**
AB BB AB F#B DG D2B D2B C#2B C#2B EB F#B GE GB AB GB EB C#G BG AG DB EB F#E (Load)

- 66 **Someone's In The Kitchen With Dinah**
AB AB AB AB FB FB FG FG CE FE AB AB AB AB FB FB FG GE (Load)
- 67 **Song Of The Volga Boatman**
GB EB AG EF F#B GB EB AG AB EF F#B GB EB C2G BB C2C2 BC2 AG GB EB
AG EE (Load)
- 68 **Star-spangled Banner**
GA EC2 CG EG GG C2E E2A D2C2 C2G EG F#G GE (Load)
- 69 **Sweet Adeline**
BB AB DB GG D2B C#2B BG GB F#B D#B EG E2B E2B D2B C2B (Load)
- 70 **Taps**
CB CB FD CB FB AD CB FB AG CB FB AG CB FB ADFB AB C2E AG FG CD
CB CB FE (Load)
- 71 **Ta-ra-ra Boom-der-e**
AG G#G AG D2F AB F#D F#G FG F#G AF F#B DD (Load)
- 72 **Toreador Songs (Carmen)**
C2G D2A C2C2 AG AG AA GC2 AA A#C2 AE A#G GA C2C2 AE FG DA GC2
CE (Load)
- 73 **Toyland**
D2F AF C2F AF A#B C2B A#B AG GB DG CG FG EB FG GB AB C2E BB C2B
D2G E2B D2G GB GE (Load)
- 74 **Tramp Tramp Tramp**
D2G D2G D2A C2C2 A#A GC2 FE A#E C2G C2G D2A C2C2 A#A
D2C2 C2C (Load)
- 75 **Wait For The Wagon**
C2G CA CC2 EB GG E2G E2A D2C2 C2B AF C2G CA CC2 EB GB GB GB AG
BA BC2 C2E (Load)
- 76 **Wait Till Sun Shines Nellie**
DE BF AB GG EG DB GF AF G#B AG BG GG EG DE EE F#G EG DG GG AG
BG BE EE AE (Load)
- 77 **We Three Kings Of Orient Are**
BG AB GG EB F#B GB F#B EF BG AB GG EB F#B GB F#B EG (Load)

- 78 **The Wearing Of The Green**
FB GB AB AB AB AB AB C2G AB AB GB GB GB GF (Load)
- 79 **When Johnny Comes Marching Home**
DB DB GB GB GG AB A#G AB A#G GB FE DB FE DB DB GB GB GG AB
A#G AB A#G C2B D2E (Load)
- 80 **When The Saints Go Marching In**
FB AB A#B C2D FB AB A#B C2D FB AB A#B C2G AG FG AG GE (Load)
- 81 **While Strolling Through The Park One Day**
DA D#C2 FA FC2 EA FC2 A#G FG GC GC2 GA GC2 F#A GC2 C2G
A#G AC (Load)
- 82 **You're In The Army Now**
CB FG FB AG CB FF FG CB FB AB C2B AG FB CE (Load)
- 83 **Yankee Doodle**
GA AC2 GB FB GB AB A#G FA GC2 FB D#B DB D#B FE (Load)

Two Channel Songs

- 1 **Little Brown Jug**
EG GG GE FG AG AE BB BB BG AG BG C2-G D2-G E2-E (Group)
CG EG EE CG FG FE FB FB FG FG EG FG GE (Load)
- 2 **Clementine**
AG AB AF EF C#2-G C#2-B C#2-F AF AG C#2-B E2-E Rest-B E2-B D2-G
C#2-B BE (Group)
C#G C#B C#F C#F EG EB EF C#F C#G EB AE Rest-B AB AG AB G#E (Load)